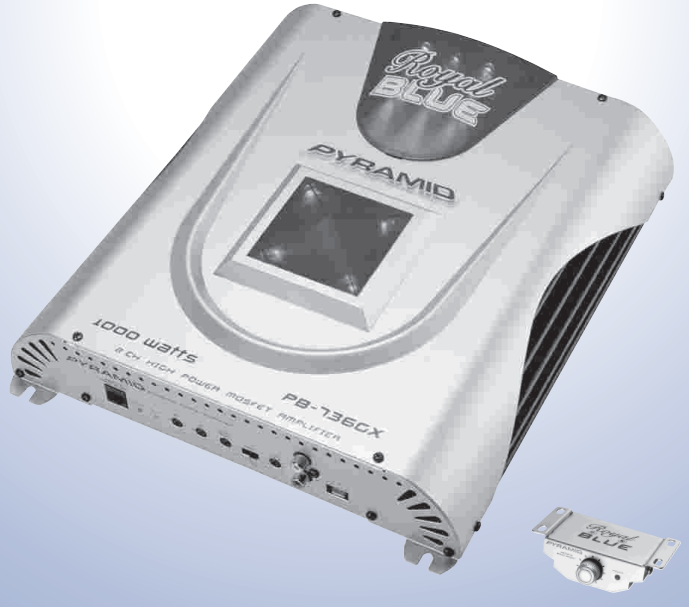
PYRAMID

Royal BLUE



PB-136GX PB-336GX
PB-536GX PB-736GX
PB-936GX PB-1236GX
PB-1836GX

Two Channel High Performance Power Amplifier

PB-236GX PB-636GX
PB-836GX PB-1036GX

Four Channel High Performance Power Amplifier

USER'S MANUAL

www.pyramidcaraudio.com

congratulations...

on your purchase of a Pyramid Royal Blue Series amplifier. This amplifier extends the Pyramid tradition into a totally new series of amps, designed from the ground up to deliver the power, performance and flexibility the modern car audio enthusiast demands.

When you check the list of features offered by the PB-136GX, PB-236GX, PB-336GX, PB-536GX, PB-636GX, PB-736GX, PB-836GX, PB-936GX, PB-1036GX, PB-1236GX, PB-1836GX, you'll know you made the right choice with a Pyramid Power amplifier.

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PYRAMID

general features

PB-136GX

High Performance 240 Watt 2 Channel Amplifier

- 120 Watts x 2 Output
- Variable Input Level (Gain) Control
- Remote Turn On/Off
- Gold Plated RCA Inputs
- High Level MOLEX Input
- Power ON LED Indicator
- S/N Ratio: > 95 dB
- THD: <0.04%
- Thermal Protection
- Overload Protection
- Short Circuit Protection
- Anti-Thump Turn-On

PB-236GX

High Performance 400 Watt 4 Channel Amplifier

- 100 Watts x 4 Output
- Variable Input Level (Gain) Control
- Remote Turn On/Off
- Gold Plated RCA Inputs
- High Level MOLEX Input
- Power ON LED Indicator
- S/N Ratio: > 95 dB
- THD: <0.04%
- Thermal Protection
- Overload Protection
- Short Circuit Protection
- Anti-Thump Turn-On

PB-336GX

High Performance 600 Watt 2 Channel Bridgeable MOSFET Amplifier

- 300 Watts x 2 Output
- 600 Watts x 1 Bridged Output
- Variable Hi/Lo Electronic Crossover Network
- Variable Bass Boost (0 - +18 dB @ 60Hz)
- Variable Input Level (Gain) Control
- Remote Turn On/Off
- Gold Plated RCA Inputs
- High Level MOLEX Input
- Power ON LED Indicator
- LED Protection Indicator
- S/N Ratio: > 95 dB
- THD: <0.04%
- Thermal Protection
- Overload Protection
- Short Circuit Protection
- Anti-Thump Turn-On

PYRAMID

general features

PB-536GX

High Performance 800 Watt 2 Channel
Bridgeable MOSFET Amplifier

- 400 Watts x 2 Output
- 800W x 1 Bridged Output
- Variable Hi/Lo Electronic Crossover Network
- Variable Bass Boost (0 - +18 dB @ 60Hz)
- Variable Input Level (Gain) Control
- Remote Turn On/Off
- Gold Plated RCA Inputs
- High Level MOLEX Inputs
- Power ON LED Indicator
- LED Protection Indicator
- Remote Bass Boost
- S/N Ratio: > 95 dB
- THD: <0.04%
- Thermal Protection
- Overload Protection
- Short Circuit Protection
- Anti-Thump Turn-On

PB-636GX

High Performance 1000 Watt 4 Channel
Bridgeable MOSFET Amplifier

- 250 Watts x 4 Output
- 500W x 2 Bridged Output (250W x 2 + 500W x 1)
- Dual Variable Hi/Lo Electronic Crossover Network
- Dual Variable Bass Boost (0 - +18 dB @ 60Hz)
- Variable Input Level (Gain) Control
- Remote Turn On/Off
- Gold Plated RCA Inputs
- High Level MOLEX Inputs
- Power ON LED Indicator
- LED Protection Indicator
- S/N Ratio: > 95 dB
- THD: <0.04%
- Thermal Protection
- Overload Protection
- Short Circuit Protection
- Anti-Thump Turn-On
- Tri-Mode Configurable

PB-736GX

High Performance 1000 Watt 2 Channel
Bridgeable MOSFET Amplifier

- 500 Watts x 2 Output
- 1000W x 1 Bridged Output
- Variable Hi/Lo Electronic Crossover Network
- Variable Bass Boost (0 - +18 dB @ 60Hz)
- Variable Input Level (Gain) Control
- Remote Turn On/Off
- Gold Plated RCA Inputs
- High Level MOLEX Inputs
- Power ON LED Indicator
- LED Protection Indicator
- Remote Bass Boost
- S/N Ratio: > 95 dB
- THD: <0.04%
- Thermal Protection
- Overload Protection
- Short Circuit Protection
- Anti-Thump Turn-On

PYRAMID

general features

PB-836GX

High Performance 1600 Watt 4 Channel
Bridgeable MOSFET Amplifier

- 400 Watts x 4 Output
- 800 Watts x 2 Bridged Output(400Wx2+800Wx1)
- Dual Variable Hi/Lo Electronic Crossover Network
- Dual Variable Bass Boost (0 - +18 dB @ 60Hz)
- Variable Input Level (Gain) Control
- Remote Turn On/Off
- Gold Plated RCA Inputs
- High Level MOLEX Input
- Power ON LED Indicator
- LED Protection Indicator
- Remote Bass Boost
- S/N Ratio: > 95 dB
- THD: <0.04%
- Thermal Protection
- Overload Protection
- Short Circuit Protection
- Anti-Thump Turn-On
- Tri-Mode Configurable

PB-936GX

High Performance 1200 Watt 2 Channel
Bridgeable MOSFET Amplifier

- 600 Watts x 2 Output
- 1200 Watts x 1 Bridged Output
- Variable Hi/Lo Electronic Crossover Network
- Variable Bass Boost (0 - +18 dB @ 60Hz)
- Variable Input Level (Gain) Control
- Remote Turn On/Off
- Gold Plated RCA Inputs
- High Level MOLEX Input
- Power ON LED Indicator
- LED Protection Indicator
- Remote Bass Boost
- S/N Ratio: > 95 dB
- THD: <0.04%
- Thermal Protection
- Overload Protection
- Short Circuit Protection
- Anti-Thump Turn-On

PB-1036GX

High Performance 2000 Watt 4 Channel
Bridgeable MOSFET Amplifier

- 500 Watts x 4 Output
- 1000 Watts x 2 Bridged Output(500Wx2+1000Wx1)
- Dual Variable Hi/Lo Electronic Crossover Network
- Dual Variable Bass Boost (0 - +18 dB @ 60Hz)
- Variable Input Level (Gain) Control
- Remote Turn On/Off
- Gold Plated RCA Inputs
- High Level MOLEX Input
- Power ON LED Indicator
- LED Protection Indicator
- Remote Bass Boost
- S/N Ratio: > 95 dB
- THD: <0.04%
- Thermal Protection
- Overload Protection
- Short Circuit Protection
- Anti-Thump Turn-On
- Tri-Mode Configurable

PYRAMID

general features

PB-1236GX

High Performance 1600 Watt 2 Channel
Bridgeable MOSFET Amplifier

- 800 Watts x 2 Output
- 1600W x 1 Bridged Output
- Variable Hi/Lo Electronic Crossover Network
- Variable Bass Boost (0 - +18 dB @ 60Hz)
- Variable Input Level (Gain) Control
- Remote Turn On/Off
- Gold Plated RCA Inputs
- High Level MOLEX Inputs
- Power ON LED Indicator
- LED Protection Indicator
- Remote Bass Boost
- S/N Ratio: > 95 dB
- THD: <0.04%
- Thermal Protection
- Overload Protection
- Short Circuit Protection
- Anti-Thump Turn-On

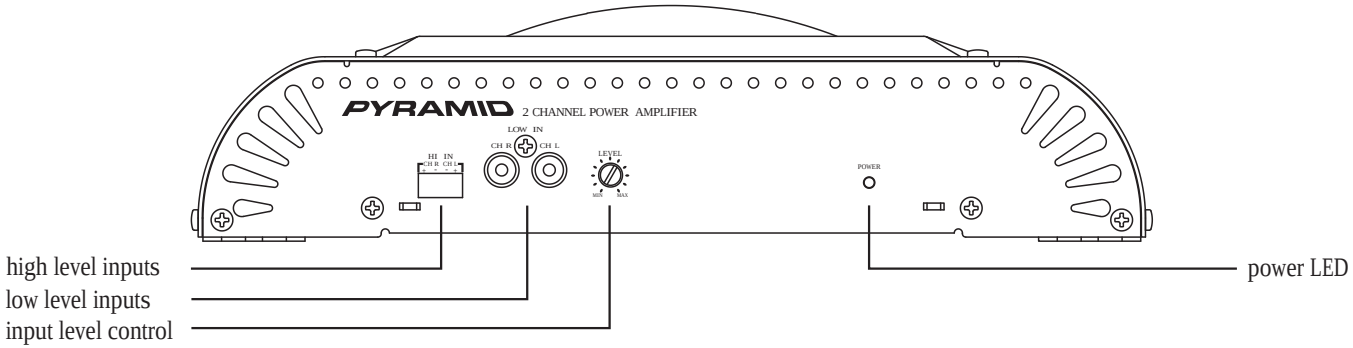
PB-1836GX

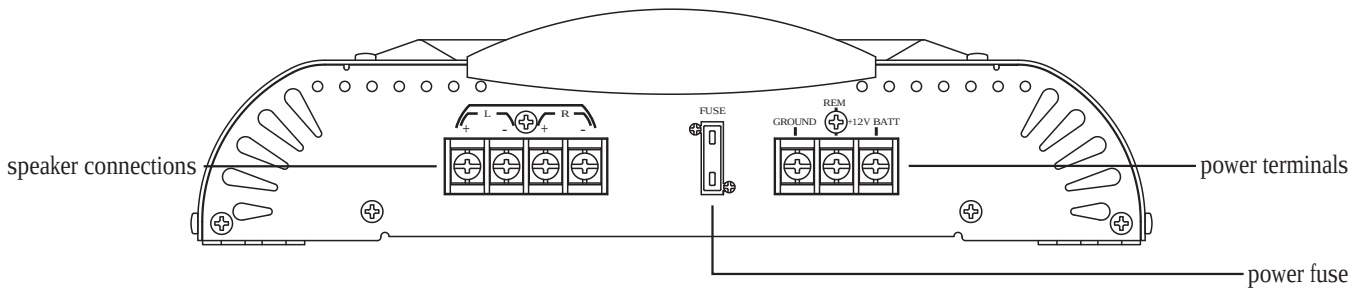
High Performance 2400 Watt 2 Channel
Bridgeable MOSFET Amplifier

- 1200 Watts x 2 Output
- 2400W x 1 Bridged Output
- Variable Hi/Lo Electronic Crossover Network
- Variable Bass Boost (0 - +18 dB @ 60Hz)
- Variable Input Level (Gain) Control
- Remote Turn On/Off
- Gold Plated RCA Inputs
- High Level MOLEX Inputs
- Power ON LED Indicator
- LED Protection Indicator
- Remote Bass Boost
- S/N Ratio: > 95 dB
- THD: <0.04%
- Thermal Protection
- Overload Protection
- Short Circuit Protection
- Anti-Thump Turn-On

features and controls

2 ch amp PB-136GX





PYRAMID

features and specifications

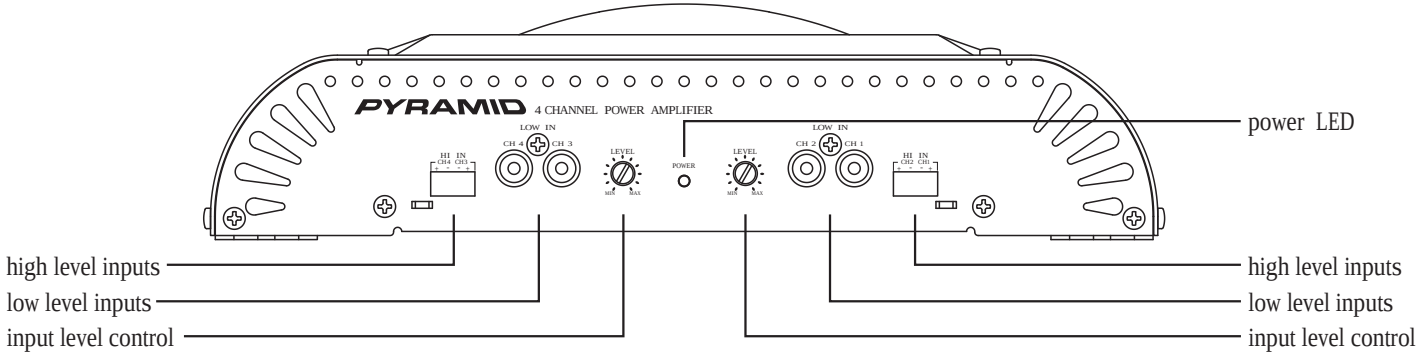
2 ch amp PB-136GX

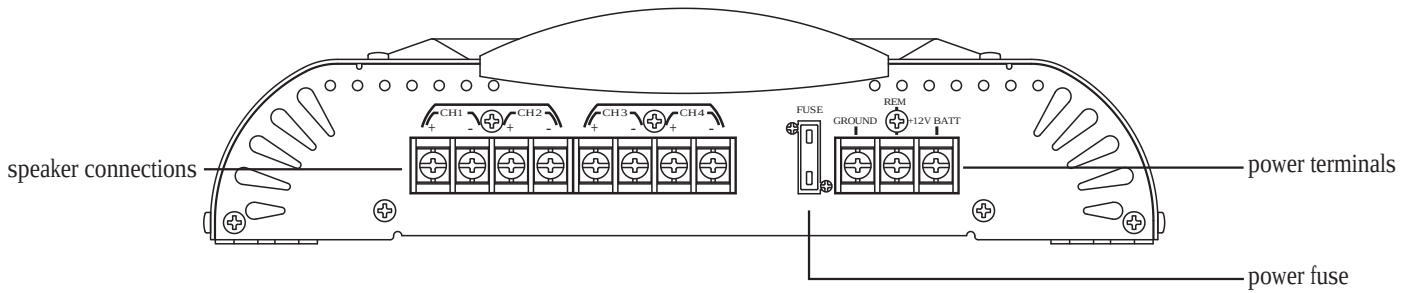
input level control	use this control to match the outputs of your head unit to the amplifier. Starting with your head unit set at about the 2 o'clock position, increase the amp level control until distortion begins to occur, and reduce slightly from this point.
low level inputs	this amp features gold-plated RCA input jacks for high impedance input. Use these with car stereo output which uses RCA-type connector cables.
high level inputs	if your car stereo lacks RCA-type output jacks, you may connect speaker output leads to these input connectors.
power LED	this indicator is illuminated when power is applied.
power fuse	the fuse protects the amplifier and your car's electrical system from short circuit conditions.
power terminals	use these connectors to deliver power, ground and remote turn-on control to the amplifier.
speaker connections	these terminals are 14K gold plated to guarantee high conductivity and minimum signal loss.

output power @ 14.4v DC, 1KHz	
RMS Power @ 4 Ohms	*30 Watts x 2*
Maximum Power Output	*120 Watts x 2*
frequency response	*15 Hz-30 KHz*
input impedance	
low level inputs	*10K Ohms*
high level inputs	*100 Ohms*
input sensitivity	
low level inputs	*250mV*
high level inputs	*2.5V*
power supply voltage	*14.4V DC Neg. Ground (10.5-16V)*
matching speaker impedance	
stereo mode	*2-4 Ohms*
maximum current draw	*5A*
dimensions (W x H x L)	
mm	*278 x 81 x 209*
inches	*10.9 x 3.2 x 8.25*

features and controls

4 ch amp PB-236GX





PYRAMID

features and specifications

4 ch amp PB-236GX

input level control	use this control to match the outputs of your head unit to the amplifier. Starting with your head unit set at about the 2 o'clock position, increase the amp level control until distortion begins to occur, and reduce slightly from this point.
low level inputs	this amp features gold-plated RCA input jacks for high impedance input. Use these with car stereo output which uses RCA-type connector cables.
high level inputs	if your car stereo lacks RCA-type output jacks, you may connect speaker output leads to these input connectors.
power LED	this indicator is illuminated when power is applied.
power fuse	the fuse protects the amplifier and your car's electrical system from short circuit conditions.
power terminals	use these connectors to deliver power, ground and remote turn-on control to the amplifier.
speaker connections	these terminals are 14K gold plated to guarantee high conductivity and minimum signal loss.

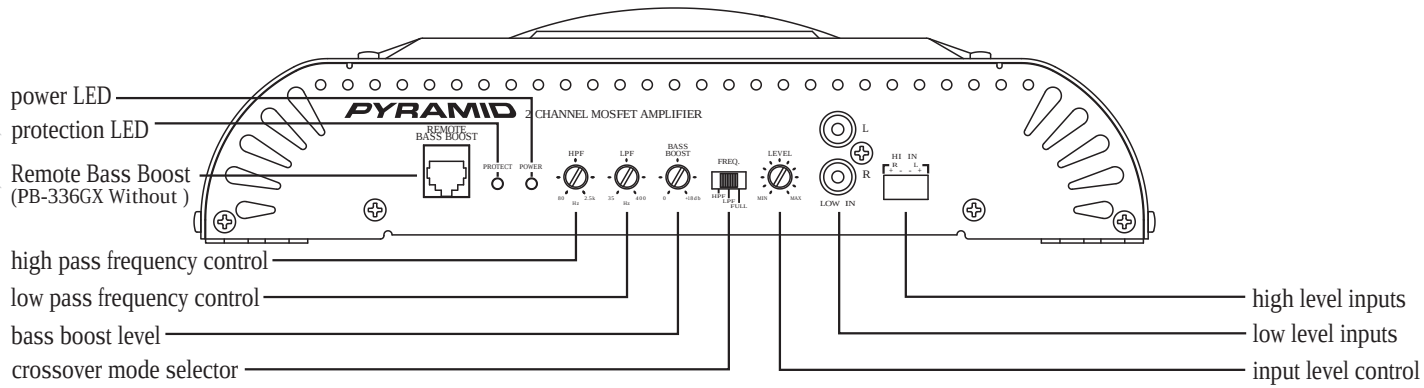
output power @ 14.4v DC, 1KHz	
RMS Power @ 4 Ohms	*30 Watts x 4*
Maximum Power Output	*100 Watts x 4*
frequency response	*15 Hz-30 KHz*
input impedance	
low level inputs	*10K Ohms*
high level inputs	*100 Ohms*
input sensitivity	
low level inputs	*250mV*
high level inputs	*2.5V*
power supply voltage	*14.4V DC Neg. Ground (10.5-16V)*
matching speaker impedance	
stereo mode	*2-4 Ohms*
maximum current draw	*10A*
dimensions (W x H x L)	
mm	*278 x 81 x 235*
inches	*10.9 x 3.2 x 9.25*

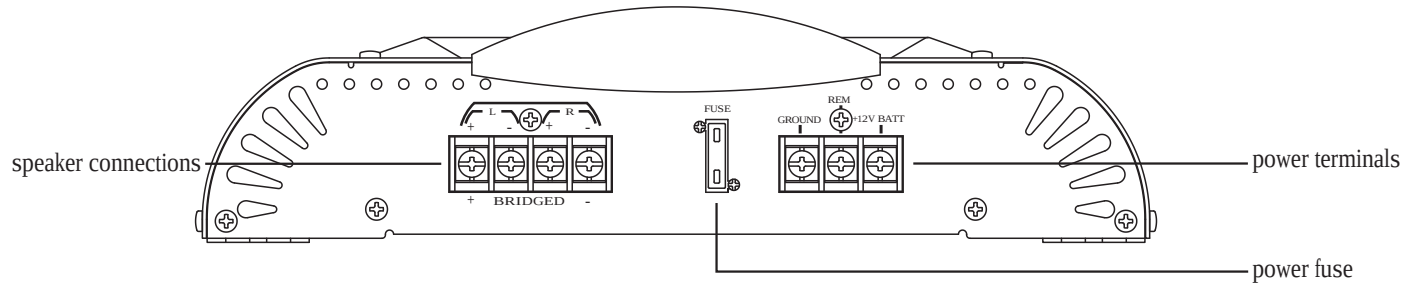
features and controls

2 ch amp PB-336GX • PB-536GX

pb-336GX

pb-536GX





PYRAMID

features and specifications

2 ch amp PB-336GX • PB-536GX

crossover mode selector	when used with normal, full range systems, set this switch to “FULL.” If you wish to use the internal crossover to power a driver of specific frequency range, use the “LOWPASS” or “HIGHPASS” settings.
input level control	use this control to match the outputs of your head unit to the amplifier. Starting with your head unit set at about the 2 o'clock position, increase the amp level control until distortion begins to occur, and reduce slightly from this point.
low pass frequency control	when the crossover selector switch is in “low pass” mode, this control sets the upper frequency limit for audio program sent to the speakers.
high pass frequency control	when the crossover selector switch is in “high pass” mode, this control sets the lower frequency limit for audio program sent to the speakers.
Remote Bass Boost	Plug in the Remote Bass Boost Control wire in here.
bass boost level control	this control permits adjustment of the bass level up to an increase of approximately 18 dB.
low level inputs	this amp features gold-plated RCA input jacks for high impedance input. Use these with car stereo output which uses RCA-type connector cables.
high level inputs	if your car stereo lacks RCA-type output jacks, you may connect speaker output leads to these input connectors.
power LED	this indicator is illuminated when power is applied.
protection LED	this indicator is illuminated when built-in protection circuitry is activated.
power fuse	the fuse protects the amplifier and your car's electrical system from short circuit conditions.
power terminals	use these connectors to deliver power, ground and remote turn-on control to the amplifier.
speaker connections	these terminals are 14K gold plated to guarantee high conductivity and minimum signal loss.

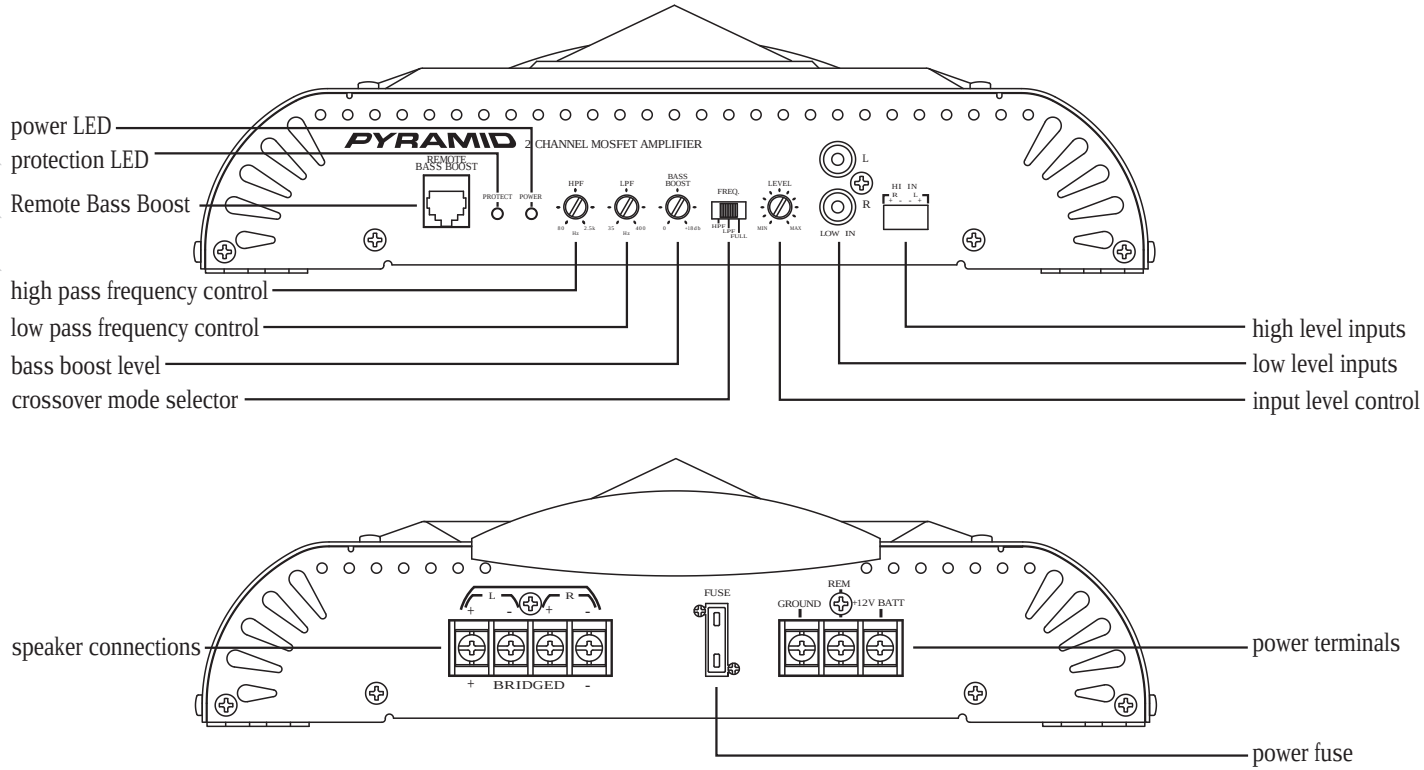
output power @ 14.4v DC, 1KHz		
RMS Power @ 4 Ohms	*40 Watts x 2*	*50 Watts x 2*
RMS Power @ 2 Ohms	*60 Watts x 2*	*75 Watts x 2*
Maximum Power Output	*300 Watts x 2*	*400 Watts x 2*
frequency response	*15 Hz-30 KHz*	
input impedance		
low level inputs	*10K Ohms*	
high level inputs	*100 Ohms*	
input sensitivity		
low level inputs	*250mV*	
high level inputs	*2.5V*	
power supply voltage	*14.4V DC Neg. Ground (10.5-16V)*	
matching speaker impedance		
stereo mode	*2-4 Ohms*	
bridged mode	*4-8 Ohms*	
maximum current draw	*15A*	*15A*
dimensions (W x H x L)		
mm	*278 x 81 x 209*	*278 x 81 x 235*
inches	*10.9 x 3.2x 8.25*	*10.9 x 3.2x 9.25*

PYRAMID

features and controls

2 ch amp PB-736GX • PB-936GX • PB-1236GX

pb-736GX
pb-936GX
pb-1236GX



PYRAMID

features and specifications

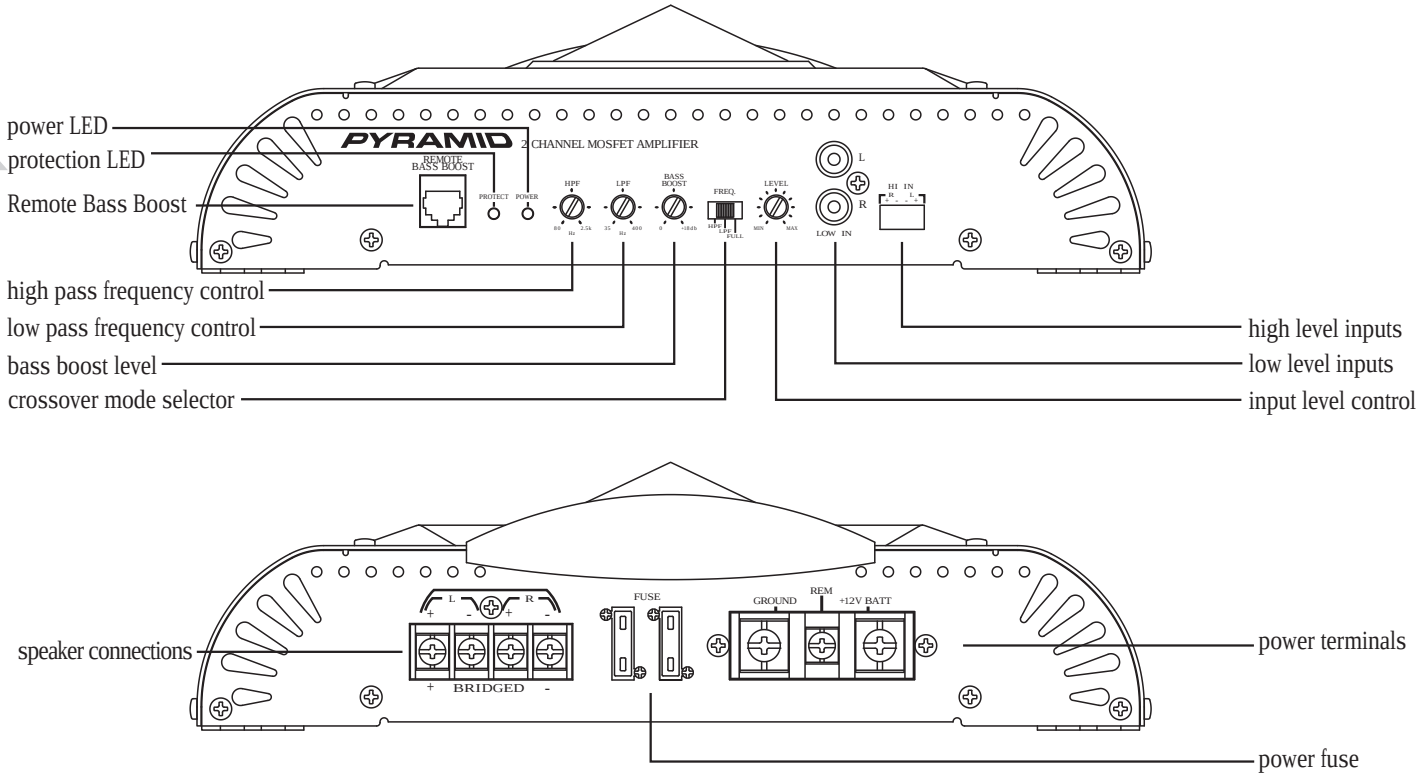
2 ch amp PB-736GX • PB-936GX

crossover mode selectors	when used with normal, full range systems, set these switches to “FULL.” If you wish to use the internal crossovers to power a driver of specific frequency range, use the “LOWPASS” or “HIGHPASS” settings.
input level controls	use these controls to match the outputs of your head unit to the amplifier. Starting with your head unit set at about the 2 o'clock position, increase the amp level controls until distortion begins to occur, and reduce slightly from this point.
low pass frequency controls	when one or both of the crossover selector switches is in “low pass” mode, one can set the upper frequency limit for audio program sent to the speakers.
high pass frequency controls	when the one or both of crossover selector switch is in “high pass” mode, one can set the lower frequency limit for audio program sent to the speakers.
Remote Bass Boost	Plug in the Remote Bass Boost Control wire in here.
bass boost level controls	this control permits adjustment of the bass level up to an increase of approximately 18 dB in either or both pairs of channels.
low level inputs	this amp features gold-plated RCA input jacks for high impedance input. Use these with car stereo output which uses RCA-type connector cables.
high level inputs	if your car stereo lacks RCA-type output jacks, you may connect speaker output leads to these input connectors.
power LED	this indicator is illuminated when power is applied.
protection LED	this indicator is illuminated when built-in protection circuitry is activated.
power fuse	the fuse protects the amplifier and your car's electrical system from short circuit conditions.
power terminals	use these connectors to deliver power, ground and remote turn-on control to the amplifier.
speaker connections	these terminals are 14K gold plated to guarantee high conductivity and minimum signal loss.

	PB-736GX	PB-936GX
output power @ 14.4v DC, 1KHz		
RMS Power @ 4 Ohms	*75 Watts x 2*	*90 Watts x 2*
RMS Power @ 2 Ohms	*125 Watts x 2*	*150 Watts x 2*
Maximum Power Output	*500 Watts x 2*	*600 Watts x 2*
frequency response	*15 Hz-30 KHz*	
input impedance		
low level inputs	*10K Ohms*	
high level inputs	*100 Ohms*	
input sensitivity		
low level inputs	*250mV*	
high level inputs	*2.5V*	
power supply voltage	*14.4V DC Neg. Ground (10.5-16V)*	
matching speaker impedance		
stereo mode	*2-4 Ohms*	
bridged mode	*4-8 Ohms*	
maximum current draw	*20 A*	*30 A*
dimensions (W x H x L)		
mm	*278 x 81 x 305*	*278 x 81 x 343*
inches	*10.9 x 3.2 x 12*	*10.9 x 3.2 x 13.5*

features and controls

2 ch amp PB1836GX



PYRAMID

features and specifications

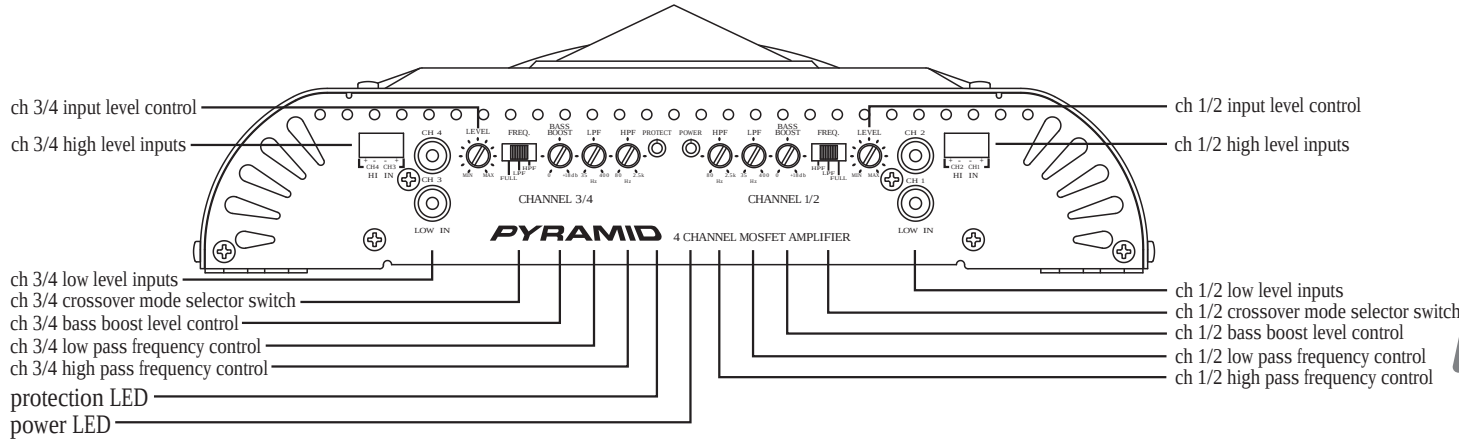
2 ch amp PB-1236GX • PB-1836GX

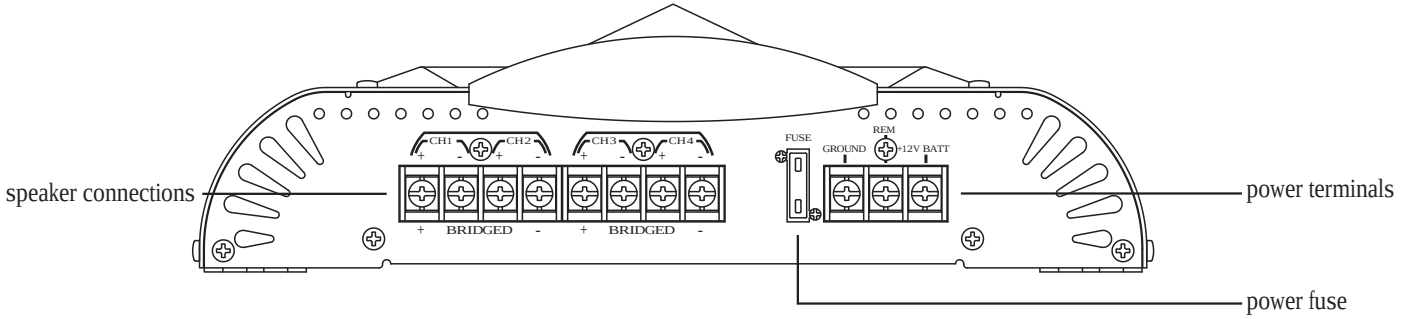
crossover mode selectors	when used with normal, full range systems, set these switches to "FULL." If you wish to use the internal crossovers to power a driver of specific frequency range, use the "LOWPASS" or "HIGHPASS" settings.
input level controls	use these controls to match the outputs of your head unit to the amplifier. Starting with your head unit set at about the 2 o'clock position, increase the amp level controls until distortion begins to occur, and reduce slightly from this point.
low pass frequency controls	when one or both of the crossover selector switches is in "low pass" mode, one can set the upper frequency limit for audio program sent to the speakers.
high pass frequency controls	when the one or both of crossover selector switch is in "high pass" mode, one can set the lower frequency limit for audio program sent to the speakers.
Remote Bass Boost	Plug in the Remote Bass Boost Control wire in here.
bass boost level controls	this control permits adjustment of the bass level up to an increase of approximately 18 dB in either or both pairs of channels.
low level inputs	this amp features gold-plated RCA input jacks for high impedance input. Use these with car stereo output which uses RCA-type connector cables.
high level inputs	if your car stereo lacks RCA-type output jacks, you may connect speaker output leads to these input connectors.
power LED	this indicator is illuminated when power is applied.
protection LED	this indicator is illuminated when built-in protection circuitry is activated.
power fuse	the fuse protects the amplifier and your car's electrical system from short circuit conditions.
power terminals	use these connectors to deliver power, ground and remote turn-on control to the amplifier.
speaker connections	these terminals are 14K gold plated to guarantee high conductivity and minimum signal loss.

	PB-1236GX	PB-1836GX
output power @ 14.4v DC, 1KHz		
RMS Power @ 4 Ohms	*125 Watts x 2*	*150 Watts x 2*
RMS Power @ 2 Ohms	*200 Watts x 2*	*225 Watts x 2*
Maximum Power Output	*800 Watts x 2*	*1200 Watts x 2*
frequency response	*15 Hz-30 KHz*	
input impedance		
low level inputs	*10K Ohms*	
high level inputs	*100 Ohms*	
input sensitivity		
low level inputs	*250mV*	
high level inputs	*2.5V*	
power supply voltage	*14.4V DC Neg. Ground (10.5-16V)*	
matching speaker impedance		
stereo mode	*2-4 Ohms*	
bridged mode	*4-8 Ohms*	
maximum current draw	*30 A*	*40 A*
dimensions (W x H x L)		
mm	*278 x 81 x 381*	*278 x 81 x 432*
inches	*10.9 x 3.2 x 15*	*10.9 x 3.2 x 17*

features and controls

4 ch amp PB-636GX


ch 3/4 input level control
ch 3/4 high level inputs
ch 3/4 low level inputs
ch 3/4 crossover mode selector switch
ch 3/4 bass boost level control
ch 3/4 low pass frequency control
ch 3/4 high pass frequency control
protection LED
power LED
ch 1/2 input level control
ch 1/2 high level inputs
ch 1/2 low level inputs
ch 1/2 crossover mode selector switch
ch 1/2 bass boost level control
ch 1/2 low pass frequency control
ch 1/2 high pass frequency control
CHANNEL 3/4
CHANNEL 1/2
PYRAMID
4 CHANNEL MOSFET AMPLIFIER



PYRAMID

features and specifications

4 ch amp PB-636GX

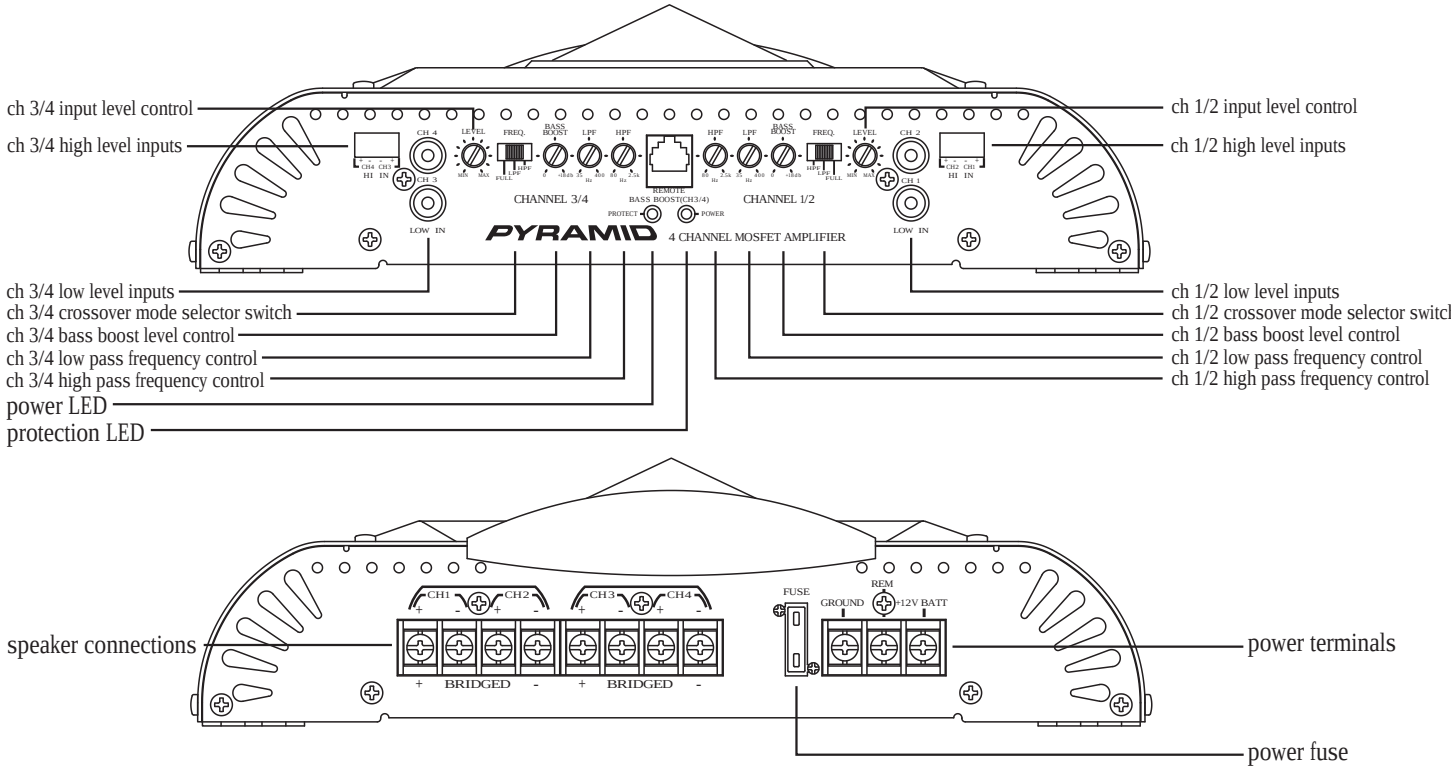
dual crossover mode selectors	when used with normal, full range systems, set these switches to “FULL.” If you wish to use the internal crossovers to power a driver of specific frequency range, use the “LOWPASS” or “HIGHPASS” settings.
dual input level controls	use these controls to match the outputs of your head unit to the amplifier. Starting with your head unit set at about the 2 o'clock position, increase the amp level controls until distortion begins to occur, and reduce slightly from this point.
dual low pass frequency controls	when one or both of the crossover selector switches is in “low pass” mode, one can set the upper frequency limit for audio program sent to the speakers.
dual high pass frequency controls	when the one or both of crossover selector switch is in “high pass” mode, one can set the lower frequency limit for audio program sent to the speakers.
dual bass boost level controls	this control permits adjustment of the bass level up to an increase of approximately 18 dB in either or both pairs of channels.
low level inputs	this amp features gold-plated RCA input jacks for high impedance input. Use these with car stereo output which uses RCA-type connector cables.
high level inputs	if your car stereo lacks RCA-type output jacks, you may connect speaker output leads to these input connectors.
power LED	this indicator is illuminated when power is applied.
protection LED	this indicator is illuminated when built-in protection circuitry is activated.
power fuse	the fuse protects the amplifier and your car's electrical system from short circuit conditions.
power terminals	use these connectors to deliver power, ground and remote turn-on control to the amplifier.
speaker connections	these terminals are 14K gold plated to guarantee high conductivity and minimum signal loss.

output power @ 14.4v DC, 1KHz	
RMS Power @ 4 Ohms	*35 Watts x 4*
RMS Power @ 2 Ohms	*55 Watts x 4*
Maximum Power Output	*250 Watts x 4*
frequency response	*15 Hz-30 KHz*
input impedance	
low level inputs	*10K Ohms*
high level inputs	*100 Ohms*
input sensitivity	
low level inputs	*250mV*
high level inputs	*2.5V*
power supply voltage	*14.4V DC Neg. Ground (10.5-16V)*
matching speaker impedance	
stereo mode	*2-4 Ohms*
bridged mode	*4-8 Ohms*
maximum current draw	*20A*
dimensions (W x H x L)	
mm	*278 x 81 x 305*
inches	*10.9 x3.2 x 12*

features and controls

4 ch amp PB-836GX • PB-1036GX

pb-836GX
pb-1036GX



PYRAMID

features and specifications

4 ch amp PB-836GX • PB-1036GX

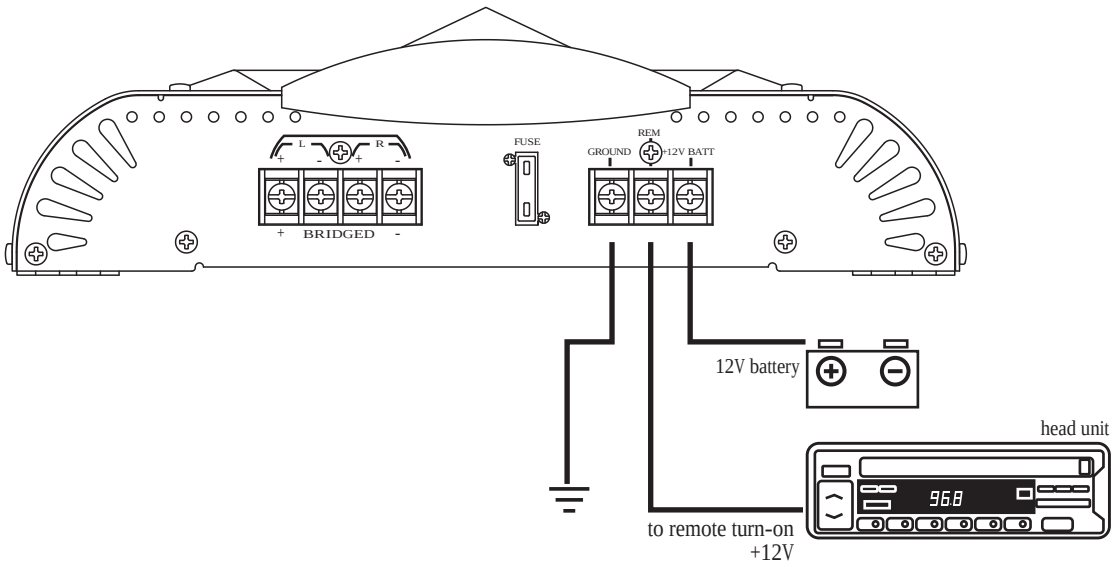
dual crossover mode selectors	when used with normal, full range systems, set these switches to "FULL." If you wish to use the internal crossovers to power a driver of specific frequency range, use the "LOWPASS" or "HIGHPASS" settings.
dual input level controls	use these controls to match the outputs of your head unit to the amplifier. Starting with your head unit set at about the 2 o'clock position, increase the amp level controls until distortion begins to occur, and reduce slightly from this point.
dual low pass frequency controls	when one or both of the crossover selector switches is in "low pass" mode, one can set the upper frequency limit for audio program sent to the speakers.
dual high pass frequency controls	when the one or both of crossover selector switch is in "high pass" mode, one can set the lower frequency limit for audio program sent to the speakers.
CH 3/4 Remote Bass Boost	Plug in the Remote Bass Boost Control wire in here.
dual bass boost level controls	this control permits adjustment of the bass level up to an increase of approximately 18 dB in either or both pairs of channels.
low level inputs	this amp features gold-plated RCA input jacks for high impedance input. Use these with car stereo output which uses RCA-type connector cables.
high level inputs	if your car stereo lacks RCA-type output jacks, you may connect speaker output leads to these input connectors.
power LED	this indicator is illuminated when power is applied.
protection LED	this indicator is illuminated when built-in protection circuitry is activated.
power fuse	the fuse protects the amplifier and your car's electrical system from short circuit conditions.
power terminals	use these connectors to deliver power, ground and remote turn-on control to the amplifier.
speaker connections	these terminals are 14K gold plated to guarantee high conductivity and minimum signal loss.

	PB-836GX	PB-1036GX
output power @ 14.4v DC, 1KHz		
RMS Power @ 4 Ohms	*50 Watts x 4*	*75 Watts x 4*
RMS Power @ 2 Ohms	*75 Watts x 4*	*115 Watts x 4*
Maximum Power Output	*400 Watts x 4*	*500 Watts x 4*
frequency response	*15 Hz-30 KHz*	
input impedance		
low level inputs	*10K Ohms*	
high level inputs	*100 Ohms*	
input sensitivity		
low level inputs	*250mV*	
high level inputs	*2.5V*	
power supply voltage	*14.4V DC Neg. Ground (10.5-16V)*	
matching speaker impedance		
stereo mode	*2-4 Ohms*	
bridged mode	*4-8 Ohms*	
maximum current draw	*30 A*	*40 A*
dimensions (W x H x L)		
mm	*278 x 81 x 381*	*278 x 81 x 432*
inches	*10.9 x 3.2 x 15*	*10.9 x 3.2 x 17*

electrical connections

2 ch amp PB-136GX • PB-336GX • PB-536GX
PB-736GX • PB-936GX • PB-1236GX • PB-1836GX

pb-136GX
pb-336GX
pb-536GX
pb-736GX
pb-936GX
pb-1236GX
pb-1836GX

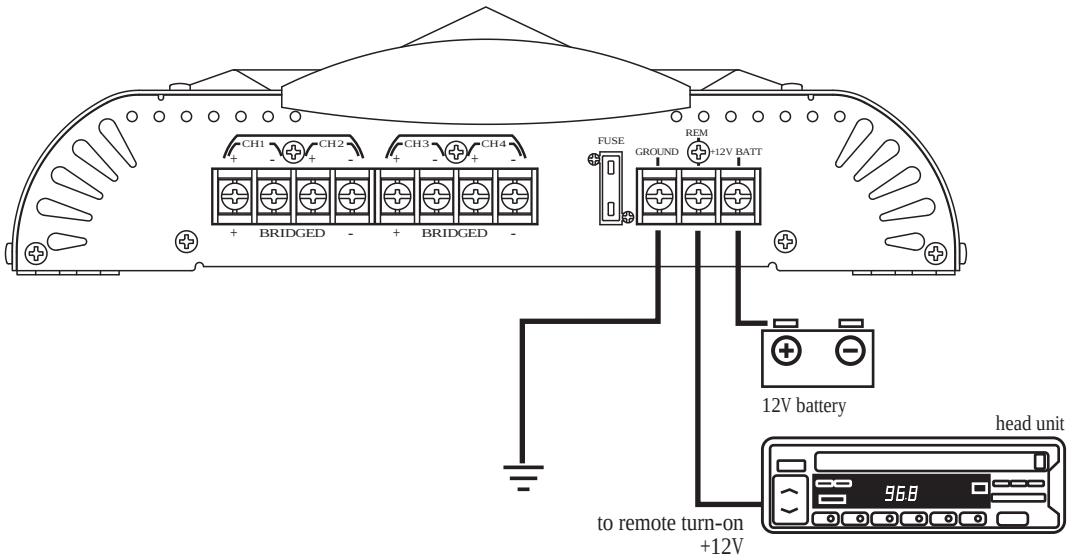


PYRAMID

electrical connections

4 ch amp PB-236GX • PB-636GX
PB-836GX • PB-1036GX

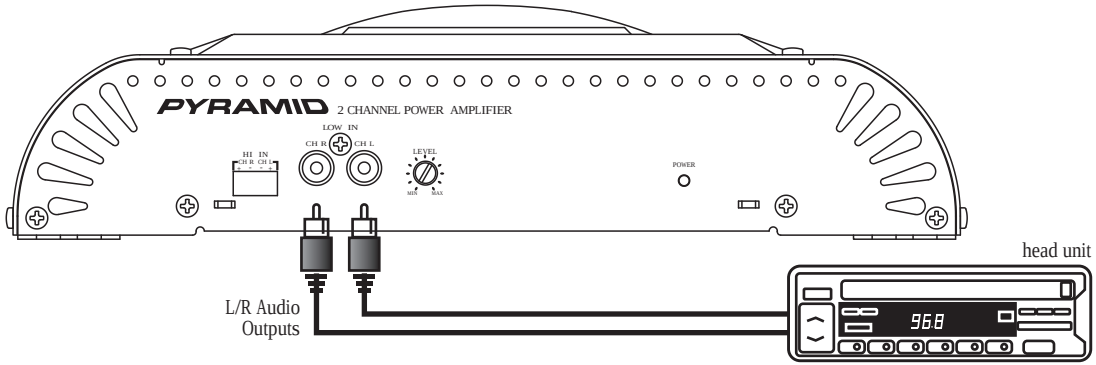
pb-236GX
pb-636GX
pb-836GX
pb-1036GX



stereo input connections

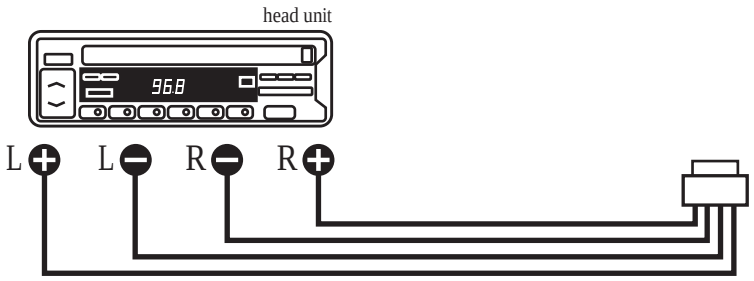
2 ch amp PB-136GX

using low level inputs



using high level inputs

PLEASE NOTE! If using high level inputs, do not use the low level RCA inputs at the same time!

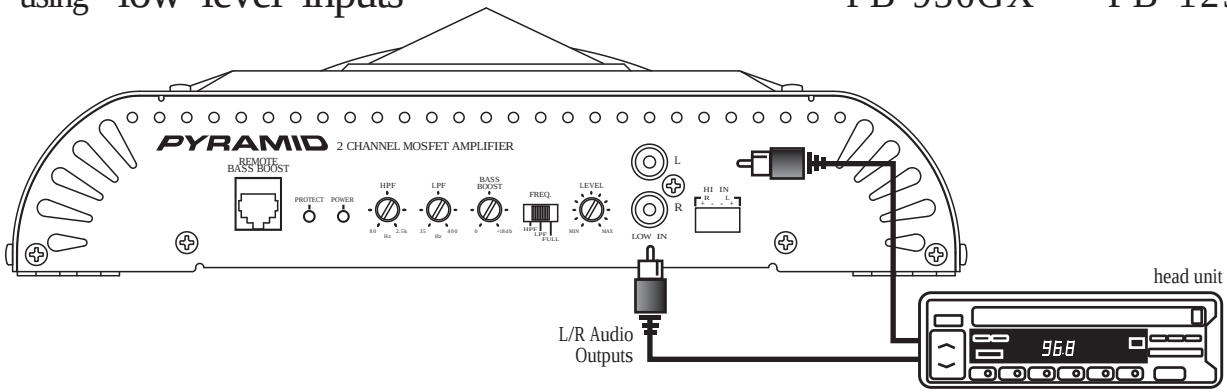


stereo input connections

2 ch amp PB-336GX • PB-536GX • PB-736GX
PB-936GX • PB-1236GX • PB-1836GX

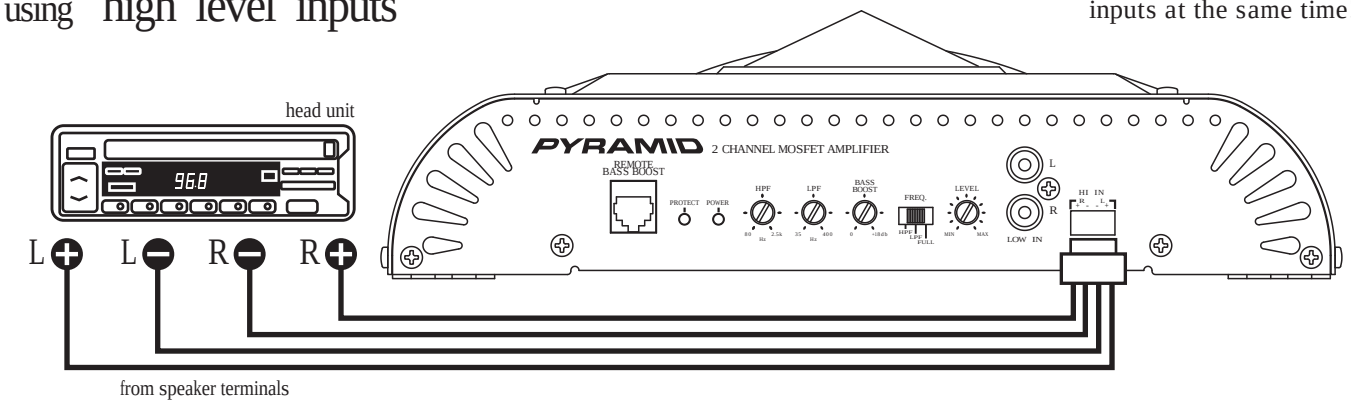
pb-336GX
pb-536GX
pb-736GX
pb-936GX
pb-1236GX
pb-1836GX

using low level inputs



PLEASE NOTE! If using high level inputs, do not use the low level RCA inputs at the same time!

using high level inputs

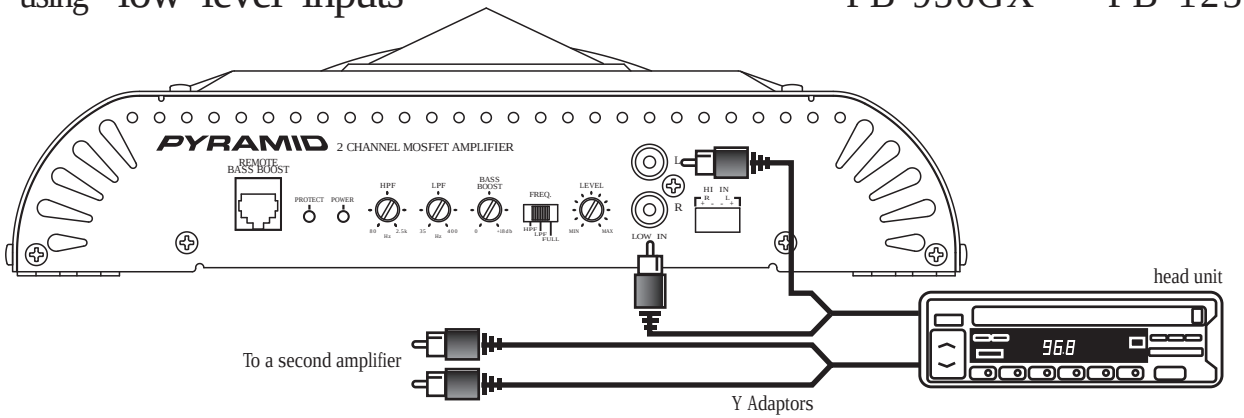


mono input connections

2 ch amp PB-336GX • PB-536GX • PB-736GX
PB-936GX • PB-1236GX • PB-1836GX

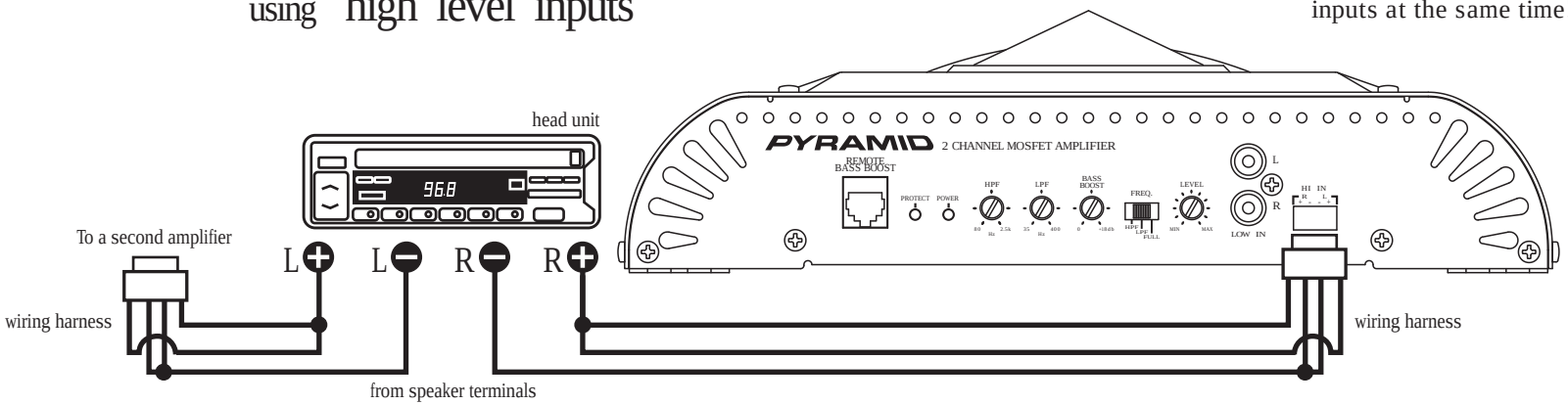
pb-336GX
pb-536GX
pb-736GX
pb-936GX
pb-1236GX
pb-1836GX

using low level inputs



PLEASE NOTE! If using high level inputs, do not use the low level RCA inputs at the same time!

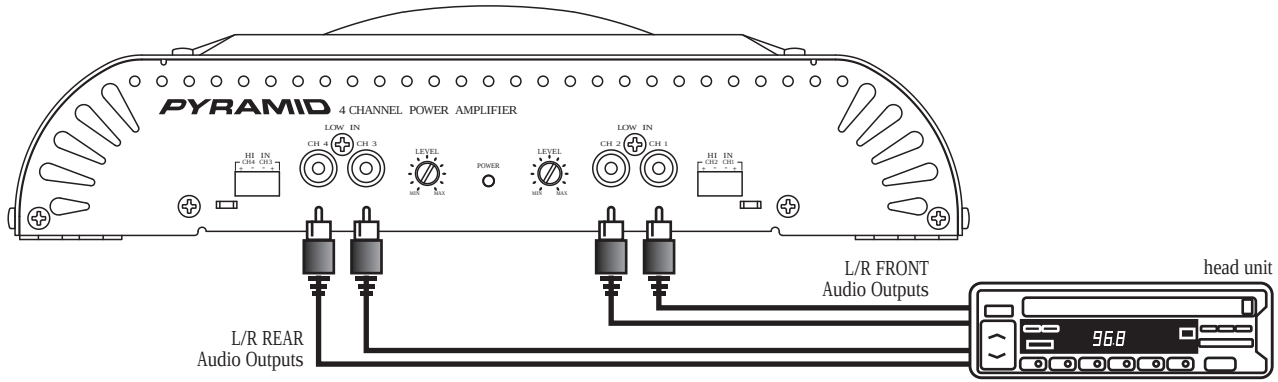
using high level inputs



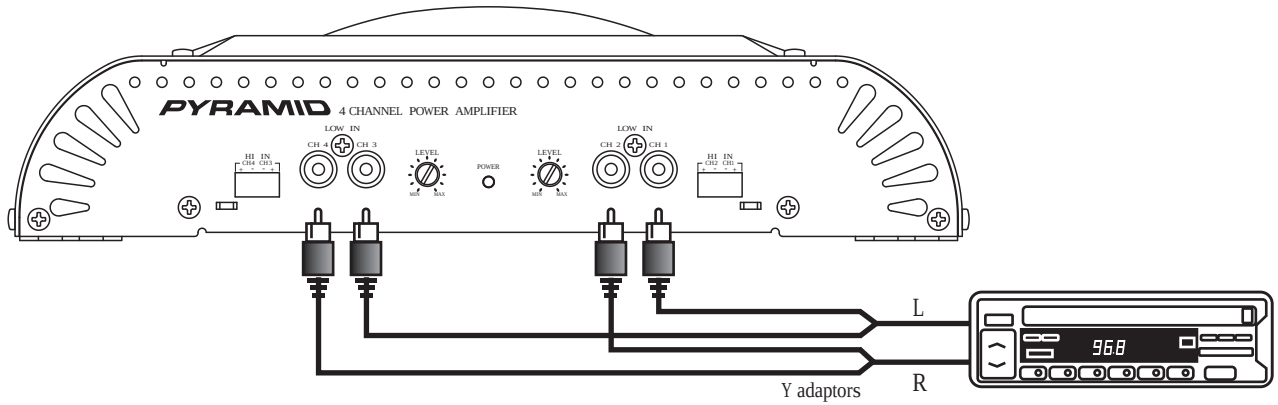
2/4 channel input connections

4 ch amp PB-236GX

4 CH input connections using low level inputs



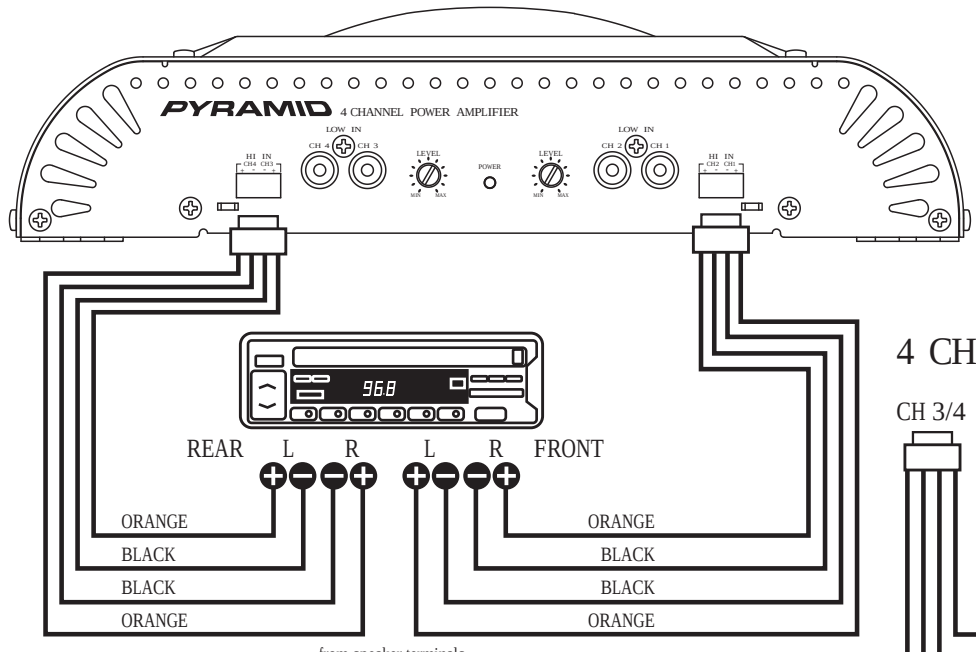
2 CH input connections using low level inputs



high level input connections

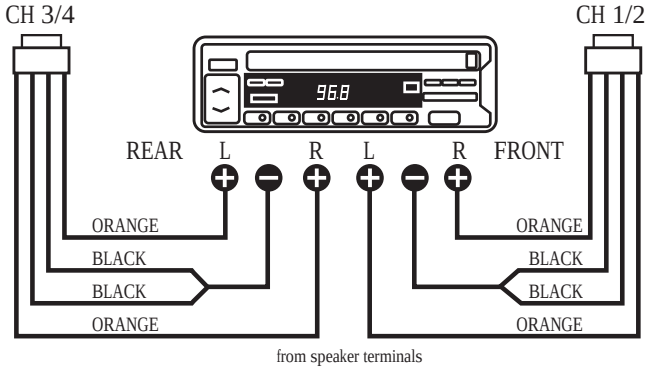
4 ch amp PB-236GX

4 CH floating ground connections



PLEASE NOTE! If using high level inputs, do not use the low level RCA inputs at the same time!

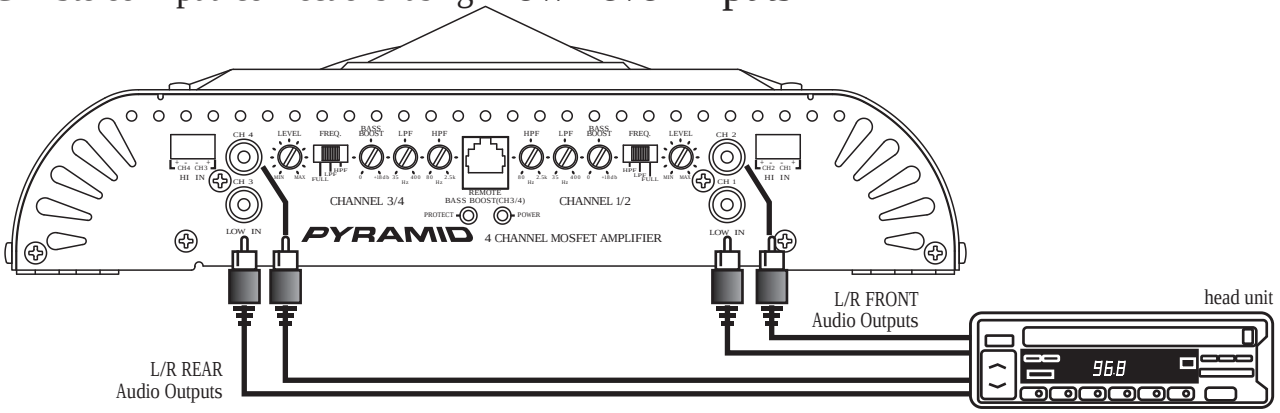
4 CH harness wiring for common ground connections



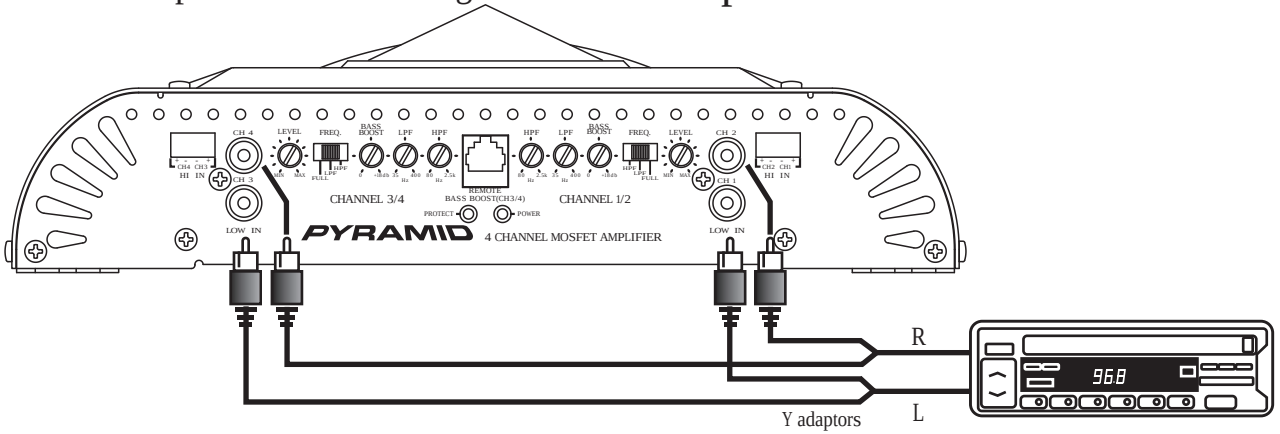
Stereo input connections

4 ch amp PB-636GX • PB-836GX • PB-1036GX

4 CH Stereo input connections using low level inputs



2 CH Stereo input connections using low level inputs



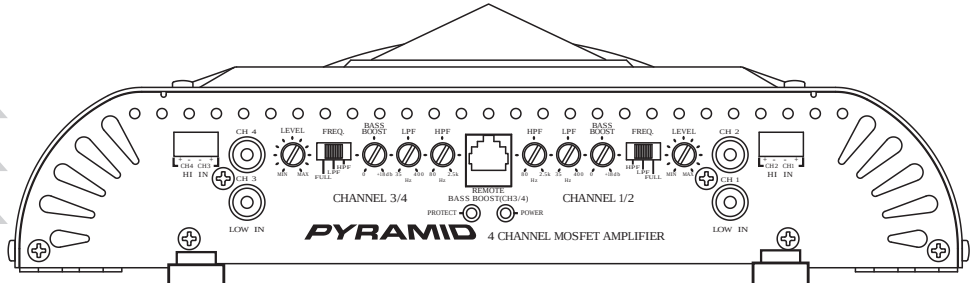
high level Stereo input connection

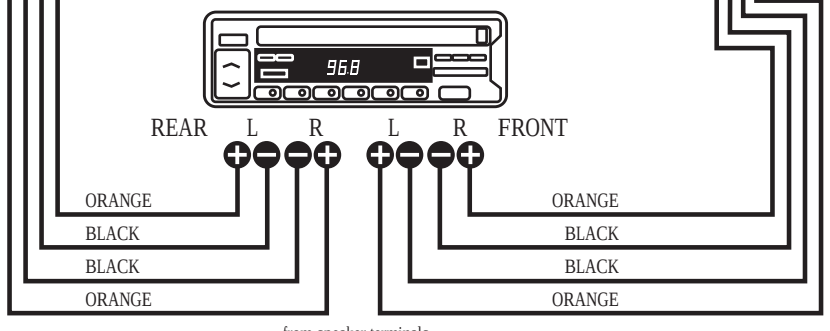
4 ch amp PB-636GX • PB-836GX • PB-1036GX

pb-636GX
pb-836GX
pb-1036GX

4 CH floating ground connections

4 CH floating ground connections

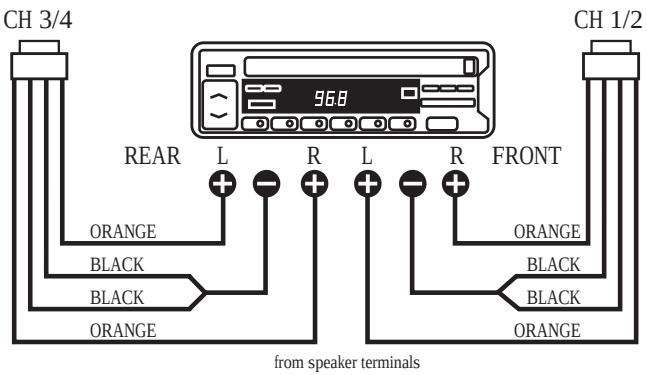




from speaker terminals

PLEASE NOTE! If using high level inputs, do not use the low level RCA inputs at the same time!

4 CH harness wiring for common ground connections

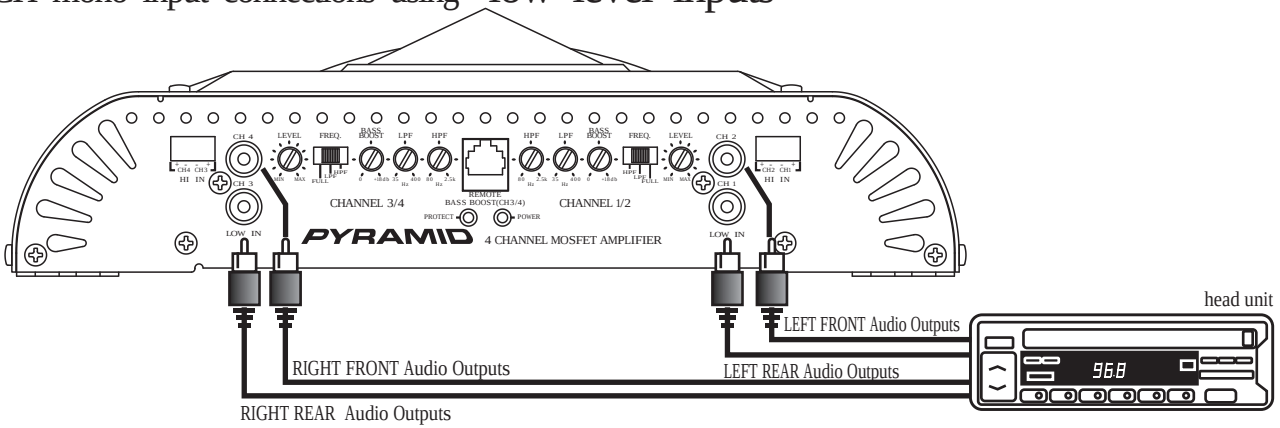


from speaker terminals

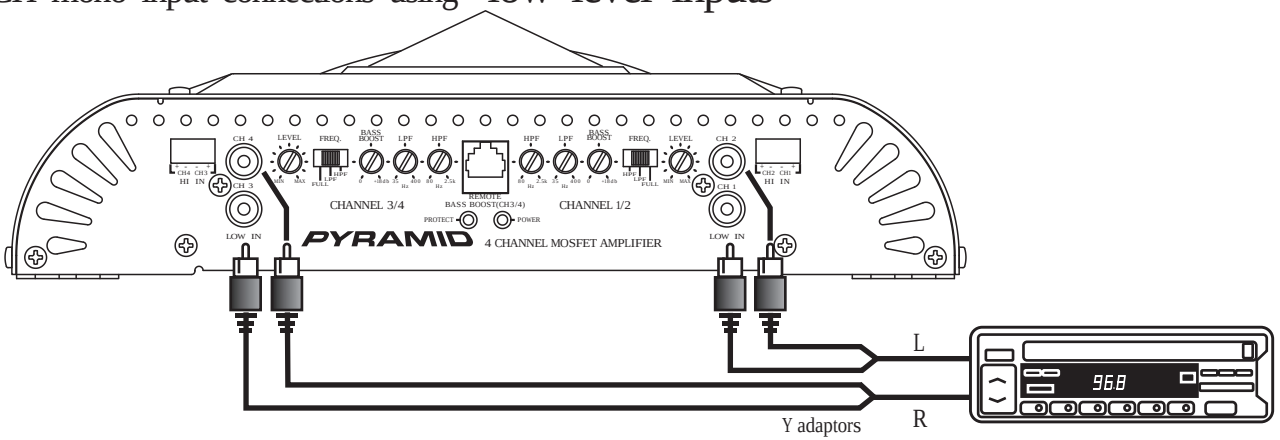
mono input connections

4 ch amp PB-636GX • PB-836GX • PB-1036GX

4 CH mono input connections using low level inputs



2 CH mono input connections using low level inputs

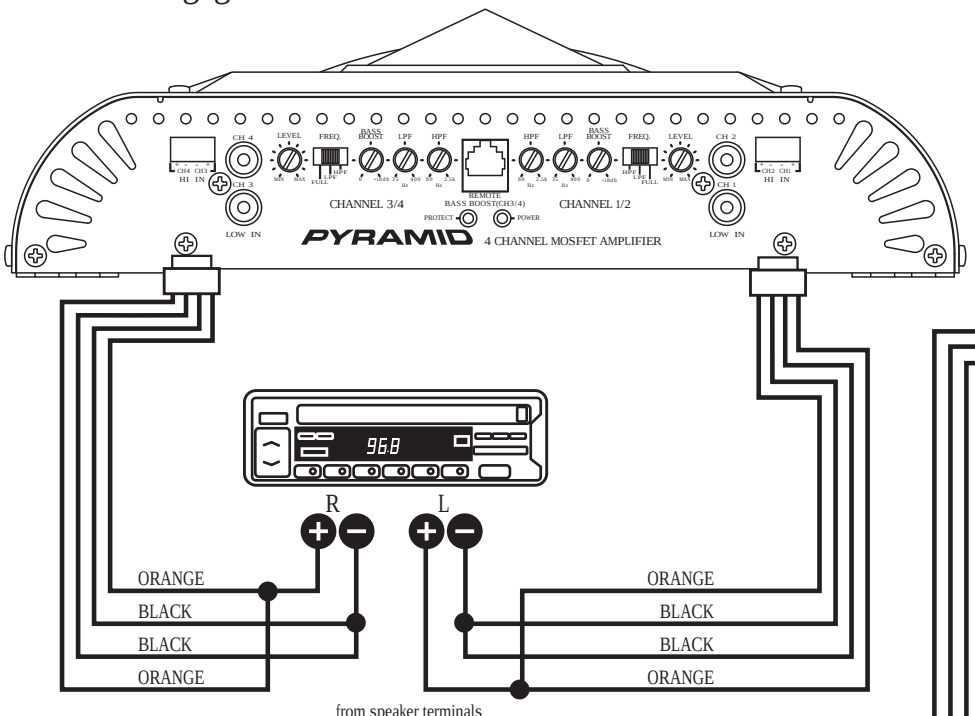


high level mono input connections

4 ch amp PB-636GX • PB-836GX • PB-1036GX

pb-636GX
pb-836GX
pb-1036GX

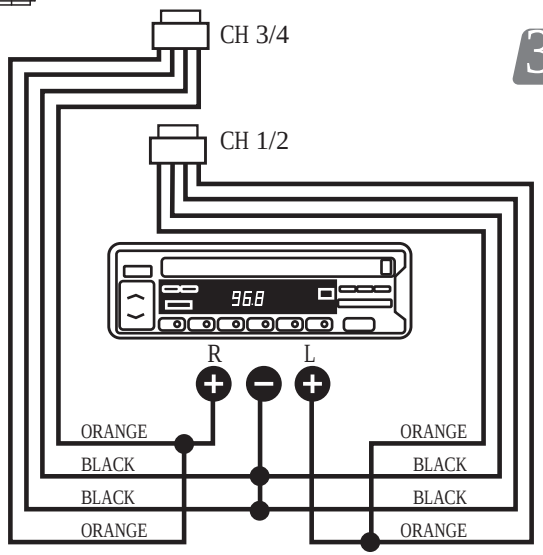
4 CH floating ground connections



from speaker terminals

PLEASE NOTE! If using high level inputs, do not use the low level RCA inputs at the same time!

4 CH harness wiring for common ground connections



from speaker terminals

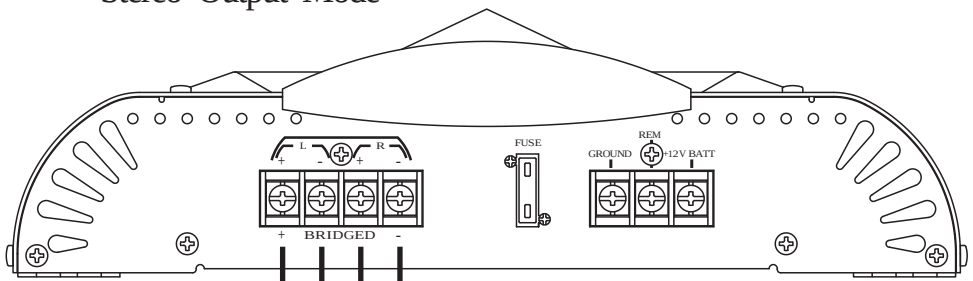
PYRAMID

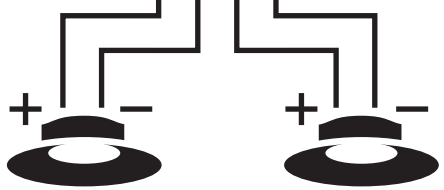
speaker connections

2 ch amp PB-136GX • PB-336GX • PB-536GX • PB-736
PB-936GX • PB-1236GX • PB-1836GX

pb-136GX
pb-336GX
pb-536GX
pb-736GX
pb-936GX
pb-1236GX
pb-1836GX

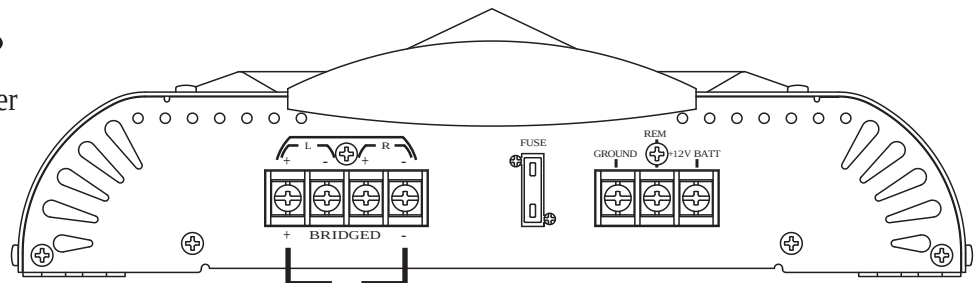
Stereo Output Mode





LEFT speaker RIGHT speaker

Bridged Mono Output Mode (PB-136GX WITHOUT)



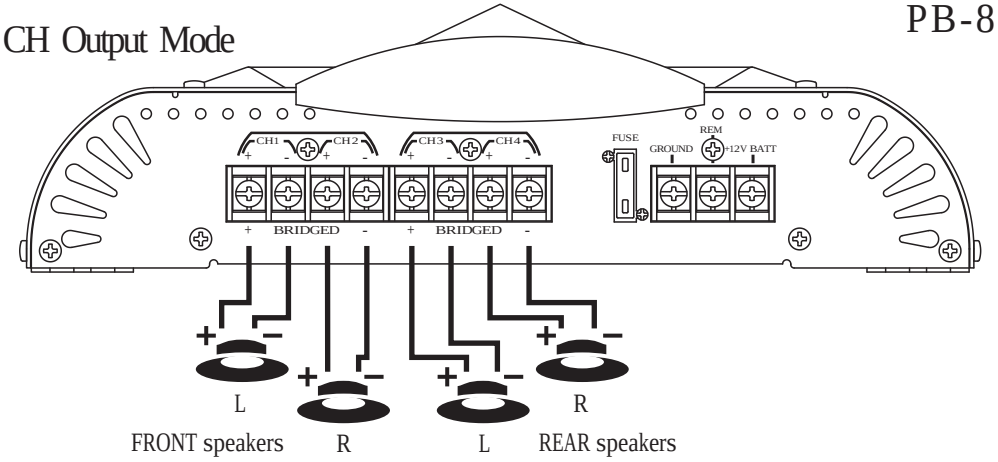
speaker

MINIMUM SPEAKER IMPEDANCE 4 OHMS!

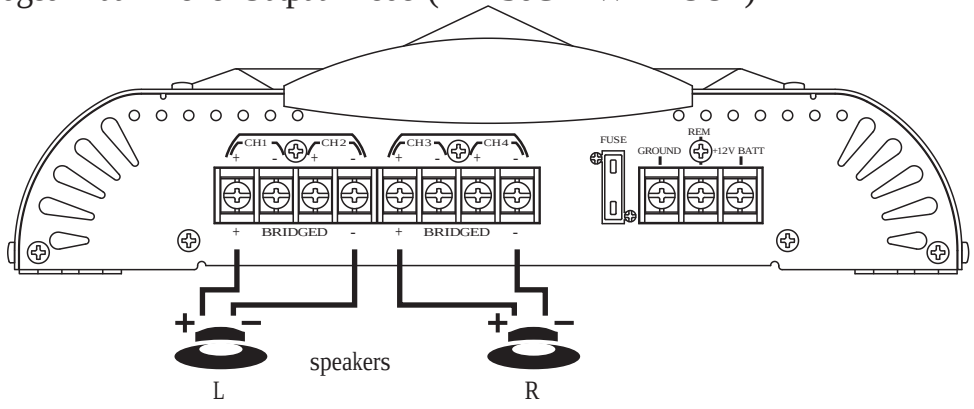
speaker connections

4 ch amp PB-236GX • PB-636GX PB-836GX • PB-1036GX

4 CH Output Mode

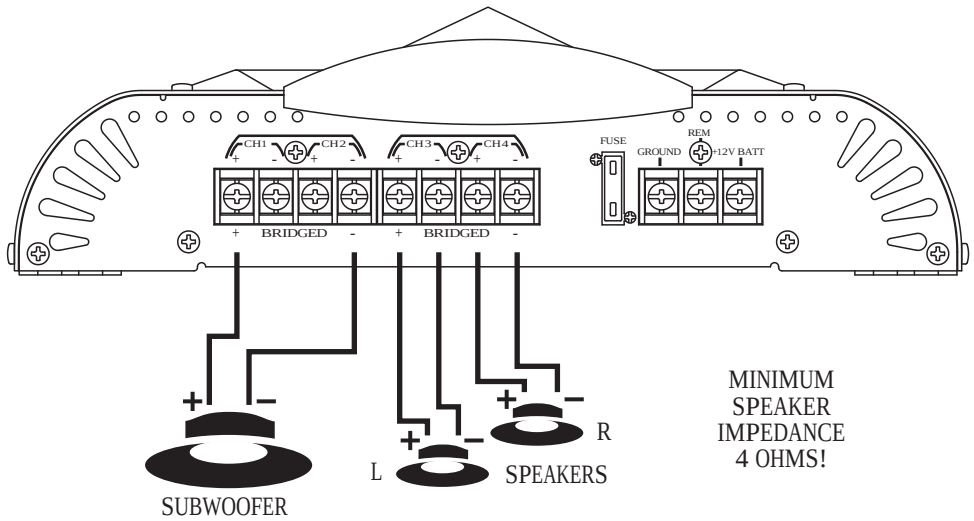


Bridged Dual Mono Output Mode (PB-236GX WITHOUT)



MINIMUM SPEAKER IMPEDANCE 4 OHMS!

2 CH Bridged Output Mode with Subwoofer Output



mounting

Your new Pyramid Royal Blue Series amplifier comes complete with all required mounting hardware. When determining a suitable location in your vehicle for the amp, please remember that it is a high-power electronic device capable of generating high heat.

For this reason, **always choose a location in your vehicle which has low vibration, adequate ventilation, a minimum of dust, and no moisture**. Be sure to mount the amp in such a manner as to allow reasonable airflow over the cooling fins.

Mark the location for the mounting screw holes by positioning the amp where you wish to install it and use a scribe (or one of the mounting screws) inserted in each of the mounting holes to mark the mounting surface. If the mounting surface is carpeted, measure the hole centers and mark with a felt tip pen.

Before attempting to drill the mounting holes, take note of any wires, lines or other devices in your vehicle which may be located behind the mounting surface! Then drill pilot holes in the mounting surface for the mounting screws and insert them. Tighten the screws securely.

wiring tips

When making electrical connections to your amplifier, please observe the following:

Use at least 8 gauge wire for power and ground connections.

Wire the amplifier directly to the car battery.

For the ground connection, use the shortest possible wire to a good chassis ground point.

Wire the Remote connection to the auto start lead of your head unit, equalizer or power antenna.

fuses

About power fuses:

Pyramid Royal Blue Series amplifiers feature built-in fuse systems. These fuses protect both the amplifier and the electrical system in your vehicle from fault conditions. If you ever need to replace the fuse in your Pyramid Royal Blue Series amp, use a fuse of exactly the same type and rating. A different type or rating of fuse may result in damage or fire.

PYRAMID

protection circuitry

The built-in protection circuitry in the Pyramid Royal Blue Series amplifiers will disable the amplifier if it senses an input overload, a speaker short circuit, or extreme temperature conditions.

When the protection circuit is activated by any of these conditions, the Protection LED will be illuminated.

If this occurs, carefully inspect the system to determine the source of the problem.

- If the shutdown was a result of a thermal overload condition, allow the amplifier to cool down before attempting to restart it.

- If the shutdown was a result of an input overload, or speaker short circuit, be sure to correct the condition before restarting.

The amplifier can be restarted by turning the remote power OFF and then ON again.

troubleshooting

No output.
Confirm that all terminal strip connections are secure and tight.

Check both in-line and built-in fuses. Both the +12V and the Remote terminals must have +12v referenced to chassis ground.

Confirm that the audio signal source (car radio, equalizer, etc.) is connected and is supplying output signal. To check if the amp is supplying signal, unplug the cables from the signal source (but leave them plugged into the amp). Briefly tap the center pin of each of the disconnected RCA plugs with your finger. This should produce a noise (feedback) in your speakers.

Only one channel works.
Confirm that all terminal strip connections are secure and tight.

Check the Balance control on the head unit (or other source) to verify that it is set to its midpoint.

If you are using the Low Level RCA input, reverse the input plugs at the amplifier (i.e., switch the L with the R). If the channels which is silent switches to the other side, the problem is either in the head unit/other source or the connecting cables.

Weak output.
Readjust the Input Level Control(s) to better suit the input signal.

Noise in the audio.
If the noise is a "whine" whose pitch follows the engine speed, confirm that the amplifier and any other signal sources (head unit, etc.) are properly grounded.

If the noise is a "clicking" or "popping" noise whose rate follows the engine speed, this usually means that the vehicle is equipped with resistor spark plugs and wires, or that the ignition is in need of service.

Check the rounting of the speaker and input wires to make sure they are not adjacent to wires which interconnect lights and other accessories.

If the above steps fail to improve or clear noise interference, the system should be checked by a professional mobile audio installer.

precautions

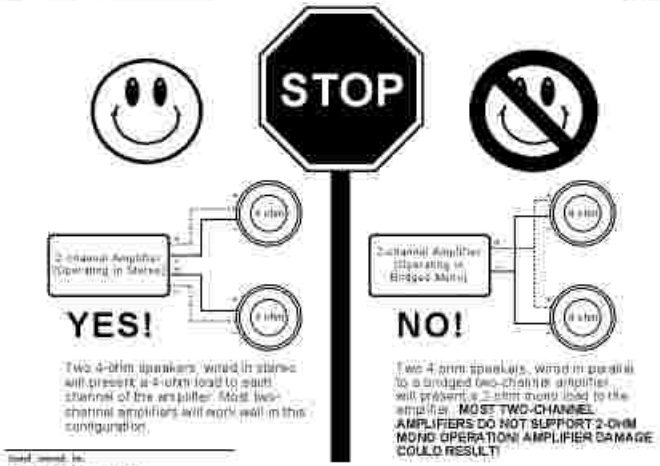
Do not operate the amplifier when it is unmounted. Attach all audio system components securely within the automobile to prevent damage, especially in an accident.

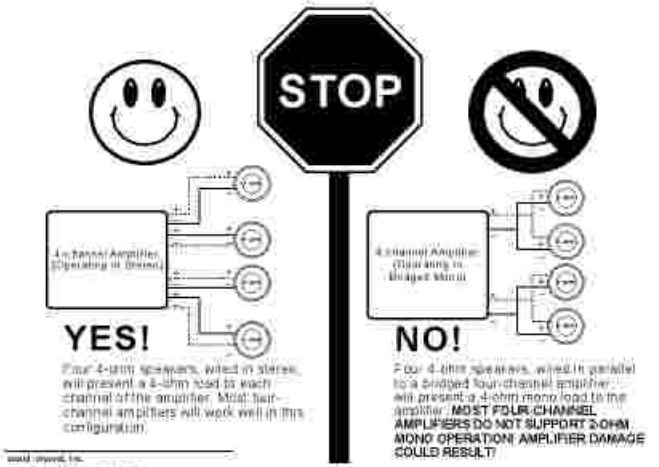
Do not mount this amplifier so that the wire connections are unprotected, or in a pinched condition, or likely to be damaged by nearby objects.

Before making or breaking power connections in your system, disconnect the vehicle battery. Confirm that your head unit or other equipment is turned off while connecting the input jacks and speaker terminals.

If you need to replace the power fuse, do so only with a fuse identical to that supplied with the amplifier. Using a fuse of a different type or rating may result in damage that isn't covered in the manufacturer's warranty.

notes


STOP
2-channel Amplifier (Operating in Stereo)
4 ohm
4 ohm
YES!
Two 4-ohm speakers, wired in stereo, will present a 4-ohm load to each channel of the amplifier. Most two-channel amplifiers will work well in this configuration.
2-channel Amplifier (Operating in Bridged Mono)
4 ohm
4 ohm
NO!
Two 4-ohm speakers, wired in parallel to a bridged two-channel amplifier, will present a 2-ohm mono load to the amplifier. MOST TWO-CHANNEL AMPLIFIERS DO NOT SUPPORT 2-OHM MONO OPERATION! AMPLIFIER DAMAGE COULD RESULT!


STOP
4-channel Amplifier (Operating in Stereo)
4 ohm
4 ohm
4 ohm
4 ohm
YES!
Four 4-ohm speakers, wired in stereo, will present a 4-ohm load to each channel of the amplifier. Most four-channel amplifiers will work well in this configuration.
4-channel Amplifier (Operating in Bridged Mono)
4 ohm
4 ohm
4 ohm
4 ohm
NO!
Four 4-ohm speakers, wired in parallel to a bridged four-channel amplifier, will present a 4-ohm mono load to the amplifier. MOST FOUR-CHANNEL AMPLIFIERS DO NOT SUPPORT 2-OHM MONO OPERATION! AMPLIFIER DAMAGE COULD RESULT!

PYRAMID

Royal BLUE

limited warranty policy

All Pyramid products are carefully constructed and thoroughly tested before shipment. Products purchased in the USA are warranted to be free of defects in material and workmanship for two (2) years from the date of purchase. This warranty is limited to the original retail purchase.

Should the product fail due to factory defects in material or workmanship, your unit will be repaired or replaced at the sole discretion of Pyramid.

To obtain warranty service you must first call our Consumer Return Hotline number at (718) 236-6948 to obtain a Return Authorization number. This R.A.# must appear on the outside of your package and on all paperwork relating to your return.

When returning a product to us for warranty service it must be carefully packed and shipped prepaid to:

R.A.#
Pyramid Service Center
1600 63rd Street
Brooklyn, NY 11204

You must also include the following items:

- A copy of your sales receipt or other proof of purchase
- A brief letter indicating the problem you are experiencing
- include in your letter your return address, daytime phone number, and R.A. number
- also include a check or money order for $15.00 for return shipping, handling, and insurance, or provide your Visa/MC number with expiration date.

Our obligation under this warranty is limited to the repair or replacement of the defective unit when it is returned to us prepaid. This warranty will be considered void if the unit was tampered with, improperly serviced, or subject to misuse, neglect, or accidental damage.